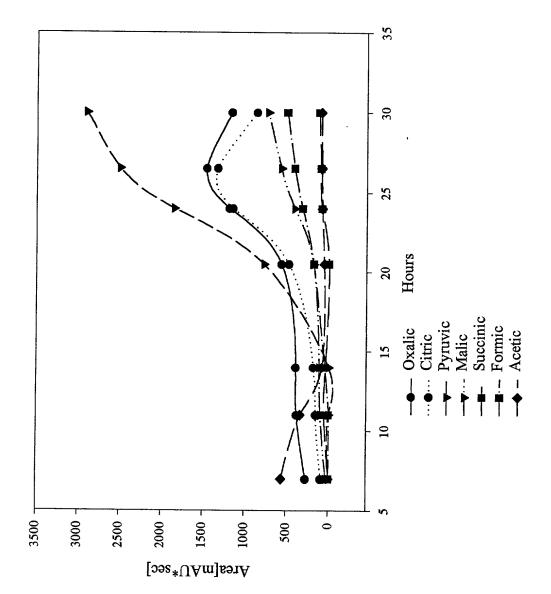
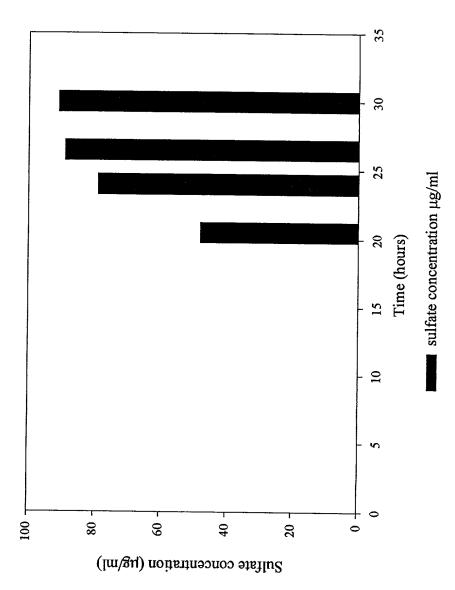
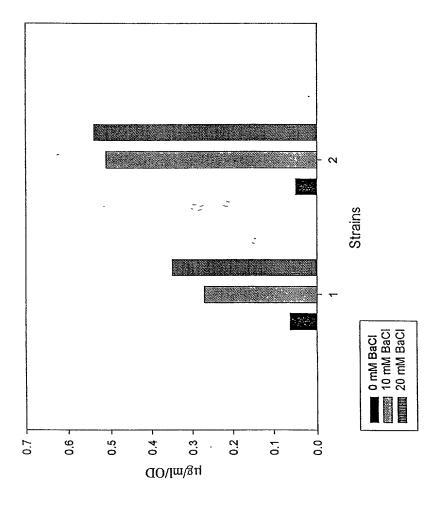


Figure 4B









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Figure 7

		10	20	30	4 C	50	
DSFBP314 AMI	1	MSNRPIYLDY				A DOMEN DOM	
DSFBP536 AMI	1	MSNRPIYLDY	SATTPVDPSV	VEKMI PWI.VE	SEGNEASESE	AFGWEAEDAV	50
		60	70	80			50
DSFBP314.AMI	51	EKAREEVAKL				TOO	
DSFBP536.AMI	51	EKAREEVAKL	VNADPRETVW	TSGATESONI	VINGWANTIA	ERGKHIIIVK	100
		110	120				100
DSFBP314.AMI	101	TEHKAVLDTC			1.91.DARWAA1	DDDTTI VOIDA	
DSFBP536.AMI	101	TEHKAVLDTC	RELEROGERY	TVI.DVODDGI	LCIDALKAAD	RPDIILLVSVM	150
		160	170				150
DSFBP314.AMI	151	MVNNEIGVIQ			190	200	
DSFBP536.AMI	151	MVNNEIGVIQ	DIAMIGRICA	PROTTERMA	ACATGRAETO	LOKEKVDLMS	200
		210	220				200
DSFBP314.AMI	201	FSAHKTYGPK			240	250	
DSFBP536.AMI	201	FSAHKTYGPK	CICALIVANA	PRVRIBAOM	GGGHERGERS	GTLATHQIVG	250
		260	270				250
DSFBP314.AMI	251				290	300	
DSFBP536.AMI	251	MGEAFRLARE MGEAFRLARE	EMCTEMENTA	MIRDRILAGI	TQIEEVYVNG	SMEHRVPHNL	300
		310	320	MUKUKULAGL			300
DSFBP314.AMI	301		320	330	340	350	
DSFBP536.AMI	301	NISFNYVEGE	SLIMAIKELA	VSSGSACTSA	SLEPSYVLRA	LGRNDELAHS	350
20121330.1211	301	NISFNYVEGE 360	SLIMAIKELA				350
DSFBP314.AMI	351		370	380	390	400	
DSFBP536.AMI	351	SIRFTLGRFT	TEQEIDITE	LIKSRVGKLR	DMSPLWEMAQ	EGIDLNSVQW	400
20121330.1411	331	SIRFTLGRFT 410	TEQEIDFTIE	LIKSRVGKLR		EGIDLNSVQW	400
DSFBP314.AMI	401		420	430	440	450	
DSFBP536.AMI	401	AAH*			• • • • • • • • • • •		450
20121330.7211	401	AAH*		• • • • • • • • • • •		• • • • • • • • • •	450
DSF314.DNA	1		20	30	40	50	
DSF536F1.DNA		ATGAGCAATC	GCCCCATCTA	CCTGGACTAC	TCGGCTACCA	CGCCGGTCGA	50
DSF536R1.DNA	1	ATGAGCAATC	GCCCCATCTA	CCTGGACTAC	TCGGCTACCA	CGCCGGTCGA	50
DSF53611.DNA	1						50
DSF53612.DNA	1						50
20133012.DNA	1						50
DSF314.DNA		60	70	80	90	100	
DSF536F1.DNA	21	CCCGAGCGTG	GTCGAGAAAA	TGATTCCCTG	GTTGTACGAG	AGTTTCGGCA	100
DSF536R1.DNA	21	CCCGAGCGTG	GTCGAGAAAA	TGATTCCCTG	GTTGTACGAG	AGTTTCGGCA	100
DSF53611.DNA	21						100
DSF53612.DNA	2.7						100
D31 33612 . DNA	21						100
DSF314.DNA	103	110	120	130	140	150	
DSF536F1.DNA	101	ATCCGGCCTC	GCGCAGCCAC	GCCTTTGGCT	GGGAAGCCGA	GGACGCGGTC	150
DSF536R1.DNA	101	ATCCGGCCTC	GCGCAGCCAC	GCCTTTGGCT	GGGAAGCCGA	GGACGCGGTC	150
DSF53611.DNA	101						150
DSF53612.DNA	101						150
D3:33612.DNA	101						150
DCP314 DV3		160		180	190	200	
DSF314.DNA	151	GAGAAGGCCC	GCGAGGAAGT	TGCCAAGCTG	GTCAACGCCG	ATCCGCGCGA	200
DSF536F1.DNA	151	GAGAAGGCCC	GCGAGGAAGT	TGCCAAGCTG	GTCAACGCCG	ATCCGCGCGA	200
DSF536R1.DNA	151						200
DSF53611.DNA	151						200
DSF53612.DNA	151						200
D2D214 DV2		210	220	230	240	250	
DSF314.DNA	201	GATCGTCTGG	ACTTCCGGCG	CTACCGAGTC	GGACAACCTG	GCCATCAAGG	250
DSF536F1.DNA	201	GATCGTCTGG	ACTTCCGGCG	CTACCGAGTC	GGACAACCTG	GCCATCAAGG	250
DSF536R1.DNA	201						250
DSF53611.DNA .	201						250
DSF53612.DNA	201						250
22224		260	270	280	290	300	
DSF314.DNA	251	GCGCGGCGAA	TTTCTACGCC	GAGCGCGGCA	AGCACATCAT	TACCGTCAAG	300
DSF536F1.DNA	251	GCGCGGCGAA	TTTCTACGCC	GAGCGCGGCA	AGCACATCAT	TACCGTCAAG	300
DSF536R1 DNA	251						300
DSF53611.DNA	251						300
						=	200





DSF53612.DNA	253						300
DSF53612.DMA		210	320	330	340	350	
DSF314.DNA	202.7	ACCCA ACACA	AGGCGGTGCT (GGATACCTGT	CGGGAGCTCG	AACGCCAGGG	350
DSF536F1.DNA	301 2	ACCGNACACA	AGGCGGTGCT (GATACCTGT	CGGGAGCTCG	AACGCCAGGG	350
DSF536R1 DNA							350
DSF53611 DNA	301						350
DSF53612 DNA	301						350
D3133012 DNA		360	370	380	390	400	
DOESTA DNA	251	CTTTGAAGTG	ACCTACCTGG	ATGTCCAGGA	CGATGGTCTG	CTCAGCCTCG	400
DSF314.DNA	351	CTTTGAAGTG	ACCTACCTGG	ATGTCCAGGA	CGATGGTCTG	CTCAGCCTCG	400
DSF536F1.DNA	351	CILIGAAGIO					400
DSF536R1.DNA							400
DSF53611.DNA							400
DSF53612.DNA	351	410	420	430	440	450	
	403	7.70	CCCTCCCCTG		CCATCCTGGT	GTCGGTGATG	450
DSF314.DNA	401	AUCCOLLCAN	CCCTCCCCTG	CGCCCGGATA	CCATCCTGGT	GTCGGTGATG	450
DSF536F1.DNA							450
DSF536R1.DNA							450
DSF53611.DNA					CCTGGT		450
DSF53612.DNA	401		470	480	490	500	
		460			GACATCGCCG		500
DSF314.DNA	451	ATGGTCAACA	ACGAGATCGG	CGICAICCAG	GACATCGCCG	CGCTGGGCGA	500
DSF536F1.DNA					GACATCOCCO		500
DSF536R1.DNA	451						500
DSF53611.DNA	451			gamas mags a	CACATCCCCC	CCCTCCCCCA	500
DSF53612.DNA	451				GACATCGCCG 540	- 550	200
		510	520	530			550
DSF314.DNA	501	GATCTGCCGC	GAGAAGGGCA	TCATCTTCCA	CGTGGACGCG	CCC AACCCA	550
DSF536F1.DNA			GAGAAGGGCA	-CATCTTCCA	CGTGGACGCG	GCC-AAGCCA	550
DSF536R1.DNA	501						550
DSF53611.DNA	501				aamaan aacc	C	550
DSF53612.DNA	501					GCCCAGGCCA	330
		560	570	580			600
DSF314.DNA	551	CCGGCAAGGT	CGAGATCGAC	CTGCAGAAGC	TGAAGGTGGA	CCTGATGTCG	
DSF536F1.DNA	551	ACGGCAAGGT	CGAGATC				600
DSF536R1.DNA	551						600
DSF53611 DNA	551		TCGAC	CTGCAGAAGC	TGAAGGTGGA	CCTGATGTCG	600
DSF53612.DNA	551	CCGGCAAGGT	CGAGATCGAC			CCTGATGTCG	600
		610	620				660
DSF314.DNA	601	TTCTCGGCGC	: ACAAGACGTA	CGGCCCCAAC	G GGCATCGGCC	CGCTGTATGT	650
DSF536F1.DNA	601						650
DSF536R1.DNA	601						650
DSF53611.DNA	601	TTCTCGGCGG	: ACAAGACGTA	CGGCCCCAA	G GGCATCGGC	G CGCTGTATGT	650
DSF53612.DNA	601	TTCTCGGCGC	ACAAGACGTA			GCTGTATGT	650
		660	670				
DSF314.DNA	651	. GCGGCGCAA	G CCGCGCGTGC	GCATCGAGG	C GCAGATGCA	C GGCGGCGGCC	700
DSF536F1.DNA	651						700
DSF536R1.DNA	651	GGCGCAAG	G CCGCGCGTGN	GNATCGAGG	C GCAGATGCA	C GGCGGCGGCC	700
DSF53611.DNA	651	GCGGCGCAA	G CCGCGCGTGC	GCATCGAGG	C GCAGATGCA	C GGCGGCGGCC	700
DSF53612.DNA	651	L GCGGCGCAA	G CCGCGCGTGC	GCATCGAGG	C NTAGATGCA	c eeceececc	700
		71	0 720	73			
DSF314.DNA	701	L ACGAACGGG	G CTTCCGGTC	GGCACGCTG	G CCACGCACC	A GATCGTCGGC	750
DSF536F1.DNA	701	1					750
DSF536R1.DNA	70:	1 ACGAACGGG	G CTTCCGGTC	G GGCACGNTG	G CCACGCACC	A GATCGTCGGC	750
DSF53611.DNA	70	1 ACGAACGGG	G CTTCCGGTC	G GGCACGCTG	G CCACGCACC	A GATCGTCGGC	750
DSF53612.DNA	70:	1 ACGAACG					750
		76	0 77	0 78	10 79		
DSF314.DNA	75	1 ATGGGCGAG	G CGTTCCGCC	T GGCGCGCGA	G GAAATGGGC	A CCGAGAACGA	800
DSF536F1.DNA	75	1					800
DSF536R1.DNA	75	1 ATGGGCGAG	G CGTTCCGCC	T GGCGCGCGA	AG GAAATGGGC	:A CCGAGAACGA	800 -
DSF53611.DNA	75	1 ATGGGCGAG	G CGTTCCGCC	T GGCGCGCGA	G GAAATGGGC	:A CCGAGAACGA	800
DSF53612.DNA	75	1					800
		81	.0 82	0 83	30 84	10 850	
DSF314.DNA	80	1 GCGCGTGCC	C ATGCTGCGC	G ACCGCCTG	CT GGCCGGCCT	G ACGCAGATCG	850
DSF536F1.DNA	80	1					850
DSF536R1.DNA	80	1 GCGCGTGC	C ATGCTGCGC	G ACCGCCTG	CT GGCCGGCC	rg acgcagatcg	850
DSF53611.DNA	80	1 GCGCGTGC	C ATGCTGCGC	G ACCGCCTG	CT GGCCGGCC	rg acgcagatcg	850
DSF53612.DNA	ลก	11					850
D3131612.DMA	•	_					

	860	670	200	000	900	
DSF314 DNA RG			088	890	200	000
	1 AGGAAGTGTA					900
	1 AGGAAGTGTA					900
						900
	1 AGGAAGTGTA		AGCATGGAGC	ACCGCG16CE	GCACAACCIG	900
DSF53612.DNA 89	1					900
DOEST A DUE	910		930	940	950	250
	1 AACATCAGCT					950
						950
	1 AACATCAGCT					950
	1 AACATCAGCT			TCTCTGATCA		950
DSF53612.DNA 90	1					á20
2022 - 212	960	*	980	990	1000	
	1 GGAGCTGGCC					1000
	1					1000
	1 GGAGCTGGCC					1000
	1 GGAGCTGGCC					1000
DSF53612.DNA 99	1					1000
	1010	1020	1030	1040	1050	
	1 CGTCCTATG1					1050
DSF536F1.DNA 10	1					1050
DSF536R1.DNA 10	1 CGTCCTATG1	GCTGCGCGCG	CTGGGCCGCA	ACGACGAGCT	GGCGCACAGC	1050
DSF53611.DNA 10	1					1050
DSF53612.DNA 10	1					1050
	1060	1070	1080	1090	1100	
DSF314.DNA 10	1 TCCATCCGC	TTACCCTGGG	CCGCTTCACG	ACCGAACAGG	AAATCGACTT	1100
DSF536F1.DNA 10	1					1100
DSF536R1.DNA 10	1 TCCATCCGC1	TTACCCTGGG	CCGCTTCACG	ACCGAACAGG	AAATCGACTT	1100
DSF53611.DNA 10	1					1100
DSF53612.DNA 10	1					1100
	1110	1120	1130	1140	1150	
DSF314.DNA 11	1 CACGATCGA	CTGATCAAGA	GTCGTGTCGG	CAAGCTGCGC	GATATGTCGC	1150
DSF536F1.DNA 11	1					1150
DSF536R1.DNA 11	1 CACGATCGA	CTGATCAAGA	GTCGTGTCGG	CAAGCTGCGC	GATATGTCGC	1150
DSF53611.DNA 11)1					1150
DSF53612.DNA 11	1					1150
	1160	1170	1180	1190	1200	
DSF314.DNA 11	1 CGTTGTGGG	AATGGCCCAG	GAAGGCATTG	ATCTGAATTC	CGTGCAGTGG	1200
DSF536F1.DNA 11	51			~		1200
DSF536R1.DNA 11	I CGTTGTGGG	AATGGCCCAG	GAAGGCATTG	ATCTGAATTC	CGTGCAGTGG	1200
DSF53611.DNA 11	31					1200
DSF53612.DNA 11	51				~	1200
	1210	1220	1230	1240	1250	
DSF314.DNA 12	O1 GCCGCGCAC	f GA				1250
	01					1250
DSF536R1.DNA 12	O1 GCCGCGCAC	Г GA				1250
	01					1250
	31					1250
						2230

